

Title (en)

Two-stroke internal combustion engine, in particular for portable tools such as power saws, bush cutters, etc...

Title (de)

Eine Zweitaktbrennkraftmaschine, insbesondere für tragbare Werkzeuge wie Motorsäge, Buschschneiders usw...

Title (fr)

Un moteur à combustion interne à deux temps, notamment pour outils portatifs comme scies entraînées par moteur, débroussailleuses, etc...

Publication

**EP 1555402 A3 20090722 (EN)**

Application

**EP 05000886 A 20050118**

Priority

IT VE20040002 U 20040119

Abstract (en)

[origin: EP1555402A2] A two-stroke internal combustion engine, in particular for portable tools such as power saws, bush cutters, etc., comprising a bed (2) in which for the reciprocating piston (8) at least one chamber (44) is provided to which the mixture inlet port (20) and the spent gas outlet port (30) are connected, characterised in that the spent gas outlet port (30) is provided with a valve (32), the opening and closure of which are controlled by the rotation of the piston crankshaft (16).

IPC 8 full level

**F02B 25/02** (2006.01)

CPC (source: EP)

**F02B 25/02** (2013.01)

Citation (search report)

- [X] US 2003230258 A1 20031218 - NIEMIZ HECTOR ALVARO JAVIER [AR]
- [XP] WO 2004018853 A1 20040304 - AANMOEN RAGNAR [NO]
- [X] US 4864984 A 19890912 - BLISH NELSON A [US]
- [A] DE 9420091 U1 19950216 - WIENEKE SVEIN [DE]
- [A] DE 4438513 A1 19960502 - WOLL SIEGBERT A [DE]

Cited by

NL1040344C2; CN108757962A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1555402 A2 20050720; EP 1555402 A3 20090722**; IT VE20040002 U1 20040419

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**EP 05000886 A 20050118**; IT VE20040002 U 20040119